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USB 3.0/eSATA Dual 3.5" SATA HDD Trayless Enclosure with UASP

S352BU33RER

*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Product Diagram

Front View

1. Drive 1 Lock
2. Drive 1 Latch
3. Drive 1 Door
4. Drive 1 Activity LED
5. Drive 2 Lock
6. Drive 2 Latch
7. Drive 2 Door
8. Drive 2 Activity LED
9. Power Button
10. RAID Control Switch
11. RAID Mode Button
12. REBUILD LED
13. ON LED

Back View

1. Drive Fan
2. eSATA port
3. USB 3.0 port
4. Power adapter port

Introduction

Packaging Contents

- 1x USB 3.0/eSATA Hard Drive Enclosure (S352BU33RER)
- 1x eSATA Cable
- 1x USB 3.0 Cable
- 2x Drive Door Keys
- 1x Universal Power Adapter (NA/UK/EU)
- 1x Instruction Manual

System Requirements

- 1x Computer system with available USB 3.0 (5 Gbit/s) port/USB 2.0 port (480Mbps) or eSATA port
  Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7/8 (32/64-bit),
  Apple® Mac® OS 9.x/10
  Linux®
  Google Chrome OS™
- Up to 2x 3.5" SATA Hard Drive

Hardware Installation

WARNING! Hard drives and storage enclosures require careful handling, especially when being transported. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and storage device with caution. Be sure that you are properly grounded by wearing an anti-static strap when handling computer components or discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

1. Install your **3.5" Hard Drives**.

   a) Using an included **Drive Door Key**, turn the **Drive Lock** for your desired **drive door**, clockwise to the OPEN position.

   b) Pull the **Door Latch** forward and let the **drive door** swing outwards to reveal the **drive bay**.

c) Gentley slide your desired **3.5" Hard Drive** into the **drive bay** with the label facing up until you feel resistence, and the drive door begins to close over the drive.

d) While holding the **drive latch** open, swing the **drive door** closed. Once the **drive door** is completely closed, release the **drive latch**.

e) **(optional)** Using an included **Drive Door Key**, turn the **Drive Lock** counter clockwise to the LOCK position.

Note: If you are installing more than one drive repeat these steps on the remaining drive door.

2. Using the included **power adapter**, connect the **Power Adapter Port** on the **S352BU33RER** to an available power outlet.

3. Connect the **S352BU33RER** to your computer system using the included **USB 3.0 cable** or the **eSATA cable** depending on your desired host connection.

4. Set your desired RAID configuration and/or power on the device.

WARNING! In order to prepare your drives for RAID operation, this enclosure will configure newly installed drives into your desired RAID configuration. Please be aware that any data currently on the drives may be lost during this process. It is recommended that you back up all data prior to setting your RAID configuration.

a) Ensure the **S352BU33RER** is powered off.

b) Adjust the **RAID Control Switch** to your desired RAID configuration. (See list of RAID configurations)

c) Press and hold the **RAID Mode Button** while turning on the **S352BU33RER** on by pressing the Power Button.

Note: RAID configuration is only required for initial configuraiton or if you would like to change your RAID configuration.

Available RAID Configurations

The **S352BU33RER** enclosure supports 4 different RAID configurations. RAID is a storage technology that combines multiple hard drives into a single unit for secure data redundancy, increased volume size and/or improved performance.

Descriptions and benefits for each available RAID configuration are listed below:

Normal - JBOD

In JBOD, no RAID configuration is set and both drives appear as individual disks.

Note: *For both drives to be detected while connected via eSATA the host controller must support SATA Port Multiplier.*

BIG – Combine

In BIG, both drives appear together as a larger individual disk the size of both drives combined. This configuration enables you to create a larger volume than would be available using a single drive without the performance increase offered with RAID 0.

RAID1 – Mirroring

In RAID1 both drives appear as a single disk and data is written identically to both. This level protects your data from individual drive failure as a backup of all data is written instantly.

RAID0 – Spanning

In RAID0 both drives appear together as a larger single disk the size of both drives combined. This level can improve your performance as read and write operations are performed in parallel on separate disks.

How to Use

Connecting the Hard Drive

Once the enclosure has been attached to a computer, and powered on, your computer system will automatically recognize the drive(s) and it will be accessible as though it were installed in the system internally.

Note: If your computer fails to automatically recognize your drive it is likely your drive has not been initialized or formatted correctly. (See Drive Initialization below for further instructions.)

LED Indicator

The hard drive enclosure offers LED indicators for each drive, so you can monitor drive activity. The LED will flash while the hard drive is being accessed. Do not remove the enclosure from the host computer while the LED is flashing, as it could damage the drive or the enclosure, resulting in data loss.

Disconnecting the Hard Drive

Windows

1. Select the "Safely remove Hardware and Eject Media" icon, located in the task bar.
2. Select the Mass Storage Device from the list that appears.
3. Wait for the message indicating that it is now safe to remove the device.

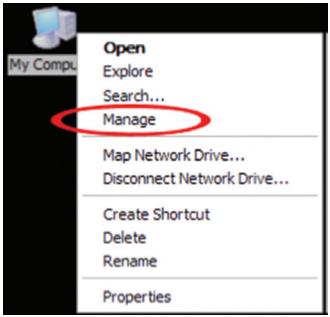
Note: Removing the connected drive prior to receiving notification that it is safe to do so, could result in losing or corrupting data stored on the drive. Once the Safe to Remove Hardware message appears, please disconnect the enclosure from the computer by removing the USB connection.

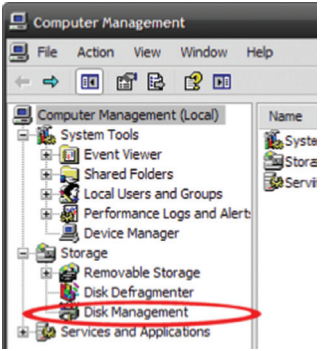
Mac OS X

To safely disconnect the attached drive from the host computer, close any windows listing the contents of the removable drive. Once all windows are closed, click on the USB storage icon on the desktop, and drag it to the Trash Can icon on the desktop. Allow 5 seconds before physically removing the enclosure/drive from the computer.

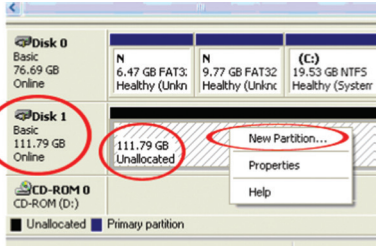
Initializing the Hard Drive

1. If the drive array is new it may need to be initialized and formatted before use. From the main Windows desktop, right-click on "My Computer" ("Computer" in Vista/ 7 / 8), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.





2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an "MBR" or "GPT" disk. GPT (GUID partition) is required for drives larger than 2TB but is not compatible with some older operating systems, while MBR is supported by newer and older operating systems.
3. Once initialized, locate the Disk that says it is "Unallocated" (check the listed hard drive capacity to confirm it's the correct hard drive) and then right-click in the section that says "Unallocated" and select "New Partition".



4. Several on screen prompts will follow walking you through the steps to create the partition. Follow these prompts to complete partition creation.

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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